



Pasture/Hayland Seedings

and their suitability for the

Bobwhite Quail

The following list of seeding recommendations was taken from the Soil Conservation Service (S.C.S.) standards and specifications for Pasture and Hayland Planting. Each seeding is rated as good, fair, or poor in relation to nesting, broodrearing and winter cover for Quail. This information can be used as a guide to help planners, and landowners interested in Quail, choose seedings that will improve areas of habitat deficiency. To make this guide work, the following assumptions have been made.

1. Each planting will be managed according to S.C.S. specifications.
2. Cool-season grass/legume mixtures will have either a 50-foot strip left unmowed around the edge of the field at first cutting, to protect nesting quail, or cutting will be delayed until after July 1st.
3. Some S.C.S. seeding rates may change in the future. However, the ratings for nesting, broodrearing and winter cover should remain similar as long as the vegetation type remains the same.
4. The values assigned to each of the seedings are relative only in regard to other seedings listed.

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QUAIL SEEDING SUITABILITY

Pasture & Hayland Plantings (Meets SCS Specs)	Seeding Rate (PLS)* Lb/Ac	Nesting	Broodrearing	Winter Cover	Climatic Adaptation
1. Bromegrass Alfalfa	7 8	Good	Fair	Poor	Bromegrass maintenance in South 1/2 of State requires high soil pH maintenance.
2. Bromegrass Birdsfoot Trefoil	4 4	Good	Fair	Poor	Bromegrass maintenance in South 1/2 of State requires high soil pH maintenance.
3. Bromegrass Ladino Clover	4 1	Good	Fair	Poor	Bromegrass maintenance in South 1/2 of State requires high soil pH maintenance.
4. Tall Fescue Alfalfa	8 8	Poor	Poor	Poor	Statewide
5. Tall Fescue Birdsfoot Trefoil	5 4	Poor	Poor	Poor	Birdsfoot best adapted to Central and Northern Missouri
6. Tall Fescue Ladino Clover	8 1	Poor	Poor	Poor	Statewide
7. Tall Fescue Lespedeza (Annual) Ladino Clover	11 12 1/2	Fair	Poor	Poor	Statewide
8. Tall Fescue Medium Red Clover Ladino Clover	11 7 1/2	Fair	Poor	Poor	Statewide
9. Orchardgrass Alfalfa	4 8	Good	Fair	Poor	Statewide
10. Orchardgrass Alfalfa Ladino Clover	4 8 1/2	Fair	Fair	Poor	Statewide
11. Orchardgrass Birdsfoot Trefoil Bluegrass (Optional)	2 4 1/2	Good	Fair	Poor	Birdsfoot Trefoil is best adapted to Central and Northern Missouri
12. Orchardgrass Ladino Clover	4 1	Fair	Fair	Poor	Statewide
13. Orchardgrass Lespedeza (Annual) Ladino Clover	4 12 1/2	Good	Fair	Poor	Statewide
14. Orchardgrass Medium Red Clover	4 7	Fair	Fair	Poor	Statewide

15. RedTop Lespedeza (Annual)	3 3	Good	Fair	Poor	Statewide
16. Reed Canarygrass Alfalfa	4 8	Poor	Poor	Poor	Statewide
17. Reed Canarygrass Ladino Clover Alsike Clover	4 1 2	Poor	Fair	Poor	Statewide
18. Reed Canarygrass Medium Red Clover	4 8	Fair	Poor	Poor	Statewide
19. Timothy Alfalfa Ladino Clover	1 1/2 6 1	Fair	Good	Fair	Statewide
20. Timothy Birdsfoot Trefoil Bluegrass (Optional)	1 1/2 4 1	Fair	Fair	Poor	Birdsfoot is best adapted to Central and Northern Missouri.
21. Big Bluestem Indiangrass	3 1/2 <u>3 1/2</u> 7.0	Good	Fair	Good	Statewide
22. Big Bluestem Indiangrass	Any combination that totals 4.0	Good	Good	Good	Statewide
Little Bluestem Sideoats Grama	Any combination that totals 2.0 <u>6.0</u>	Good	Good	Good	Statewide
23. Orchardgrass	5	Fair	Fair	Fair	Statewide
24. Tall Fescue	12	Poor	Poor	Poor	Statewide
25. Bromegrass	8	Fair	Poor	Poor	Statewide with high lime requirement in South Missouri.
26. Bermudagrass	15 Bu/ac	Poor	Poor	Poor	South Missouri
27. Reed Canarygrass	5	Poor	Poor	Poor	Statewide
28. Redtop	4	Fair	Fair	Fair	Statewide
29. Switchgrass	4	Fair	Fair	Good	Statewide
30. Big Bluestem	7	Fair	Fair	Good	Statewide
31. Indiangrass	7	Good	Fair	Good	Statewide
32. Eastern Gamagrass	8	Fair	Good	Fair	Statewide

33. Caucasian Bluestem	2	Poor	Poor	Poor	Statewide
34. Alfalfa	12	Fair	Good	Poor	Statewide
35. Red Clover	10	Fair	Good	Poor	Statewide
36. Lespedeza (Annual)	20	Poor	Good	Poor	Statewide

Other Mixture Recommendations Through CRP Program Only

1. CP-1

Birdsfoot Trefoil	4				
Bluegrass	3/4	Fair	Poor	Poor	North Missouri
Tall Fescue	4				

2. CP-4

Redtop	1 1/2				
Timothy	1 1/2	Good	Good	Fair	Statewide
Lespedeza (Annual)	8				

*PLS--Pure Live Seed

*This list is not complete since it does not cover all possible planting combinations, however there are enough choices to make selection easy for an individual contemplating a planting. If there are questions concerning planting recommendations for **Quail**, contact your nearest Wildlife Management Biologist.*